

PROPOSED SITE DEVELOPMENT PLAN
FOR
NEW BUILDING ADDITION
AT
88 WESTBOROUGH ROAD
IN
NORTH GRAFTON, MASSACHUSETTS
FEBRUARY 2016

RECEIVED

JUN 22 2016

PLANNING BOARD
GRAFTON, MA

APPROVED AS SUBMITTED _____
APPROVED WITH CONDITIONS _____
APPROVED WITH REVISIONS _____
GRAFTON PLANNING BOARD
DATE: _____

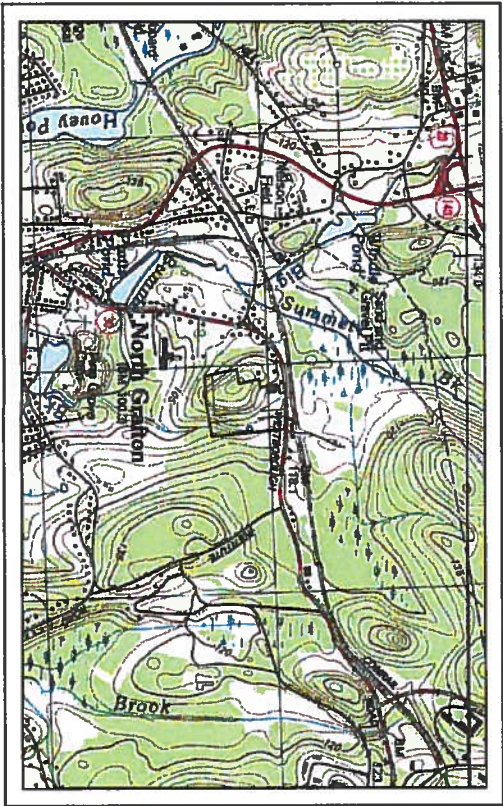
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ENGINEER & SURVEYOR
WHITMAN & BINGHAM ASSOCIATES, LLC
510 MECHANIC STREET
LEOMINSTER, MA 01453
TEL. (978) 537-5296
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OWNER / APPLICANT
EQUIPMENT CARE CENTER OF GRAFTON
88 WESTBOROUGH ROAD
NORTH GRAFTON, MA 01536
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GENERAL CONTRACTOR
R.P. MASELLO, INC.
38 MAIN STREET
P.O. BOX 742
BOYLSTON, MA 01505
TEL. (508) 869-6501



LOCUS PLAN
SCALE: 1"=800' ±



1	05/31/16	PER REVIEW COMMENTS
NO.	DATE	DESCRIPTION

CONSTRUCTION NOTES

GENERAL

- 1.) PROPERTY LINES SHOWN HEREON ARE COMPILED FROM PLANS OF RECORD.
- 2.) TOPOGRAPHY SHOWN ON THESE PLANS IS THE RESULT OF AN ON-THE-GROUND TOPOGRAPHIC SURVEY PERFORMED BY WHITMAN & BINGHAM ASSOCIATES, LLC, DURING OCTOBER/NOVEMBER 2015. ANY ALTERATIONS TO THE TOPOGRAPHY AFTER THIS DATE MAY NOT BE REFLECTED ON THIS PLAN. ALL ELEVATIONS REFER TO AN ASSUMED DATUM.
- 3.) UNLESS SPECIFIED OTHERWISE, ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE MASSACHUSETTS D.P.W. SPECIFICATIONS OF HIGHWAYS AND BRIDGES AS LAST REVISED, THE TOWN OF GRAFTON PUBLIC WORKS DEPT. AND/OR THE APPROPRIATE LOCAL AUTHORITIES.

***** D I G S A F E N O T E ***** IN ACCORDANCE WITH M.G.C.H. 82, SEC. 40 INCLUDING AMENDMENTS, ALL CONTRACTORS SHALL NOTIFY UTILITY COMPANIES AND GOVERNMENT AGENCIES IN WRITING, OF THE INTENT TO EXCAVATE NO LESS THAN 72 HOURS PRIOR TO SUCH EXCAVATION (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND HOLIDAYS) OR CALL "DIG SAFE" AT 811.

- 5.) EXISTING UTILITY ELEVATIONS AND LOCATIONS SHOWN SHALL BE CONSIDERED APPROXIMATE ONLY. ALL UTILITY ELEVATIONS AND LOCATIONS MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ANY UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, SHALL BE REPAIRED/REPLACED AS NECESSARY IF DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE DESIGN ENGINEER AS SOON AS POSSIBLE.

- 6.) RELOCATION OF ANY UTILITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROPRIATE UTILITY COMPANY AND/OR REGULATORY AGENCY, AT NO ADDITIONAL COST TO THE OWNER.

- 7.) ALL SLOPES UNLESS OTHERWISE SPECIFIED, SHALL BE LOAMED AND SEEDED AS SOON AS POSSIBLE FOR STABILIZATION AND TO PREVENT EROSION. SLOPES OF 2.5:1 AND STEEPER SHALL BE STABILIZED WITH AN EROSION CONTROL BLANKET.

- 8.) TEST PITS SHALL BE PERFORMED IN THE AREAS WHERE CROSSING EXISTING UTILITIES IS TO BE PERFORMED PRIOR TO CONSTRUCTION TO VERIFY UTILITY DEPTHS. ADDITIONAL TEST PITS IN OTHER AREAS MAY BE REQUIRED AS DIRECTED BY ENGINEER OR LOCAL APPROVING AUTHORITY. CONTRACTOR SHALL NOTIFY DESIGN ENGINEER AT TIME OF TEST PITS.

- 9.) ADDITIONAL BENCHMARKS TO BE SET BY CONTRACTOR PRIOR TO CONSTRUCTION TO ENSURE QUALITY WORKMANSHIP.

- 10.) ANY DEMARKATIONS I.E. "FIELD CHANGES" FROM THE DESIGN PLANS MUST BE APPROVED BY THE DESIGN ENGINEER IN WRITING. CONTRACTOR SHOULD BE AWARE THAT LOCAL AND STATE AUTHORITIES HAVE JURISDICTION AND APPROVALS MUST BE OBTAINED THROUGH THEIR RESPECTIVE OFFICE(S) PRIOR TO CONSTRUCTION. WHITMAN & BINGHAM ASSOCIATES, LLC ASSUMES NO LIABILITY OR RESPONSIBILITY WHATSOEVER FOR WORK COMPLETED WITHOUT REGARD TO THE ABOVE REQUIRED "FIELD CHANGE" PROCEDURE.

- 11.) THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSURANCES THAT MAY BE REQUIRED ON THIS PROJECT. ALL ORDERS OF CONDITIONS, STREET OPENING REQUIREMENTS, AND OTHER REQUIREMENTS UNDER PERMITTING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

- 12.) DAILY AND PROPER MAINTENANCE OF ALL DITCHES AND EXCAVATIONS ARE REQUIRED. TEMPORARY AND PERMANENT PATCH PER SPECIFICATIONS AND THESE PLANS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR UNDER NO CIRCUMSTANCES. ANY EXCAVATION OR DITCH SHALL BE LEFT UNOBTURED, NOT PROPERLY PATCHED, LEFT NOT MAINTAINED OR IN IMPROPER SURFACE CONDITION.

- 13.) ANY SEDIMENT BASINS SHOULD RECEIVE PERIODIC MAINTENANCE TO REMOVE DEPOSITED SILTS AND DEBRIS TO INSURE PROPER DRAINAGE AND SETTLING OF PARTICULATE MATTER.

- 14.) ALL EXCESS MATERIALS I.E. SOIL, LEDGE, WATER, AND GENERAL DEBRIS, WILL BE REMOVED AND DISPOSED BY THE CONTRACTOR OFF SITE AT THE CONTRACTOR'S EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER.

LEGEND

EXISTING CONTOURS	---	540	---
PROPOSED CONTOURS	---	542	---
PROPERTY LINES	---	---	---
EDGE OF WETLANDS	---	---	---
100' BUFFER ZONE	---	---	---
EXISTING SEWER	---	S	---
EXISTING DRAIN	---	D	---
EXISTING WATER	---	W	---
GAS LINE	---	G	---
UNDERGROUND UTILITIES	---	E/C/T	---
UNDERGROUND ELECTRIC	---	E	---
FORCE MAIN	---	M	---
UNDERGROUND TELEPHONE	---	T	---
EDGE OF PAVEMENT	---	---	---
EXISTING BERM	---	W	---
PROPOSED WATER	---	W	---
PROPOSED SEWER	---	---	---
PROPOSED DRAIN	---	---	---
GLUEBOARD	---	---	---
SILTATION BARRIER	---	---	---
EDGE OF WOODS	---	---	---
EXISTING FENCE	---	---	---
STONE WALL	---	---	---

ABBREVIATIONS

RCP - REINFORCED CONCRETE PIPE	VC - WETTED CLAY
PVC - POLYVINYL CHLORIDE	WM - WROUGHT IRON
CMP - CORRUGATED METAL PIPE	BSW - BITUMINOUS CONCRETE SIDEWALK
CONC - CONCRETE	CSW - CONCRETE CEMENT SIDEWALK
AC - ASBESTOS CEMENT	BCC - BITUMINOUS CONCRETE CURB
CI - CAST IRON	SGC - SLOPED GRANITE CURB
DI - DUCTILE IRON	VCC - VERTICAL FACE GRANITE CURB
CLDI - CEMENT LINED DUCTILE IRON	

SITE WORK

- 1.) CONSTRUCTION ACTIVITY MAY TAKE PLACE ONLY DURING HOURS AS SPECIFIED BY THE APPROPRIATE OPTICAL OF THE TOWN OF GRAFTON.

- 2.) CAUTION - NOTICE TO CONTRACTOR: THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS OR NOT AT NO ADDITIONAL EXPENSE TO OWNER.

- 3.) FILL MATERIAL

- A.) ENSURE THAT AREAS TO BE FILLED ARE FREE OF STANDING WATER, FROST, FROZEN MATERIAL, TRASH, AND DEBRIS. FILL TO BE PLACED IN LAYERS NOT EXCEEDING EIGHT INCHES (8") IN LOOSE DEPTH AND NO DEBRIS SHALL BE IN THE HORIZONTAL LAYERS. UNLESS SUBSEQUENT EXCAVATION FOR NEW WORK IS REQUIRED, TO ORIGINAL ADJACENT GROUND, UNLESS SUBSEQUENT EXCAVATION FOR NEW WORK IS REQUIRED.
- C.) GRADE SURFACE TO MATCH ADJACENT GRADES AND TO PROVIDE FLOW TO SURFACE DRAINAGE STRUCTURES AFTER FILL PLACEMENT AND COMPACTION.
- D.) ROADWAY FILL SHALL BE COMPACTED IN HORIZONTAL LAYERS NOT EXCEEDING 6" IN LOOSE DEPTH AND COMPACTED TO 98% OF THE MAXIMUM DRY DENSITY (STANDARD PROCTOR).

- 4.) FINISH GRADING: GRADE ALL AREAS WHERE FINISH GRADE ELEVATIONS ARE INDICATED ON DRAWINGS. OTHER THAN PAVED AREAS AND BUILDINGS, INCLUDING EXCAVATED AREAS, FILLED AND TRANSITION AREAS, AND LANDSCAPED AREAS, GRADED AREAS SHALL BE UNIFORM AND SMOOTH. FILL DEBRIS OR FILL DEBRIS OR FILL DEBRIS SHALL BE REMOVED AND REPAIRED. FINISH GRADE ELEVATIONS AND ALL GROUND SURFACES SHALL VARY UNIFORMLY BETWEEN INDICATED ELEVATIONS. FINISH DITCHES SHALL BE GRADED TO ALLOW FOR PROPER DRAINAGE WITHOUT PONING AND IN A MANNER THAT WILL MINIMIZE EROSION POTENTIAL.

- 5.) THE CONTRACTOR IS RESPONSIBLE FOR GENERAL CLEANUP OF THE PROJECT ON A DAILY BASIS AND AT THE COMPLETION OF THE PROJECT. OPEN TRENCHES, DITCHES, EXCAVATIONS, ETC. SHALL NOT BE PERMITTED TO BE LEFT OPEN OVERNIGHT. CONTRACTOR WILL BACK FILL OR UTILIZED SUITABLE STEEL PLATES FOR THE SECURING OF THE PROJECT SITE PRIOR TO CEASING WORK IN THAT PARTICULAR SECTION OF THE PROJECT.

- 6.) APPROPRIATE TRAFFIC CONTROL I.E. SIGNAE, BARRICADES AND OTHER MEANS WILL BE SUPPLIED BY THE CONTRACTOR AND ACCORDING TO ALL FEDERAL, STATE AND LOCAL AGENCIES AT NO ADDITIONAL COST TO OWNER. 7.) UNDER NO CIRCUMSTANCES WILL ANY UTILITY, STRUCTURE, OR REPAIR BE BACK FILLED UNLESS INSPECTED AND APPROVED BY THE CITY OF WORCESTER OR ITS DESIGNATE. THIS WILL NOT RELEASE THE CONTRACTOR FROM ANY RESPONSIBILITY OR LIABILITY AS A RESULT OF PERFORMANCE TESTS THAT ARE REQUIRED AS PART OF THIS PROJECT.

- 8.) DUE TO THE POSSIBILITY OF DEEP TRENCHES, PROPER SHORING AND/OR THE USE OF TRENCH BOXES SHALL BE UTILIZED AS DIRECTED BY LOCAL, STATE, AND/OR FEDERAL REGULATORY AGENCIES TO PROVIDE FOR A SAFE WORKING ENVIRONMENT. TRENCH PERMITS ARE REQUIRED IN ACCORDANCE WITH 520 CMR 14.00 EXCAVATION AND TRENCH SAFETY.

- 9.) ALL UTILITIES SHOWN OR NOT SHOWN ON THE PLANS(S) WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED/REPLACED OR MOVED AS REQUIRED BY THE THE CONTRACTOR (SEE SITE WORK NOTE #2 AND GENERAL NOTE #5), AT NO ADDITIONAL COST TO THE OWNER.

- 10.) ALL DRAINAGE PIPE SHALL BE HOPE, UNLESS OTHERWISE SPECIFIED

- 11.) USE OF EXPLOSIVES

- A.) COMPLY WITH ALL LAWS, RULES, AND REGULATIONS OF FEDERAL, STATE, AND LOCAL AUTHORITIES AND INSURER WHICH GOVERN STORAGE, USE, MANUFACTURE, SALE, HANDLING, TRANSPORTATION, LICENSING, OR OTHER DISPOSITION OF EXPLOSIVES. TAKE SPECIAL PRECAUTIONS FOR PROPER USE OF EXPLOSIVES TO PREVENT HARM TO HUMAN LIFE AND DAMAGE TO SURFACE STRUCTURES. ALL UTILITY LINES, OR OTHER SUBSURFACE STRUCTURES, DO NOT CONDUCT BLASTING OPERATIONS UNTIL PERSONS IN VICINITY HAVE HAD ADEQUATE NOTICE AND HAVE BEEN ADVISED OF THE DANGERS OF BLASTING. APPROVALS FROM THE TOWN OF GRAFTON FIRE DEPARTMENT, TOWN ENGINEER, AND OTHER AGENCIES MUST BE OBTAINED PRIOR TO COMMENCEMENT OF WORK. THE DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO BLASTING.
- B.) BLASTING OF ANY ROCK SHALL BE CONDUCTED IN ACCORDANCE WITH THE TOWN OF GRAFTON FIRE DEPARTMENT, TOWN ENGINEER, AND OTHER AGENCIES MUST BE OBTAINED PRIOR TO COMMENCEMENT OF WORK. THE DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO BLASTING.
- AT THE DISCRETION OF THE FIRE DEPARTMENT, BLASTING MAY NEED TO BE MONITORED WITH A INDEPENDENTLY SUPERVISED SEISMOGRAPH.
- ALL BLASTED ROCK OR OTHER EXCESS MATERIALS WILL BE REMOVED DISPOSED OF PROPERLY EITHER OFF-SITE OR ON-SITE, AT NO ADDITIONAL COST TO THE OWNER.

- 12.) PROTECTIONS

- A.) PROVIDE PROTECTION NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS, TREES OR VEGETATION.
- B.) PROTECT IMPROVEMENTS ON ADJOINING PROPERTIES AND ON OWNER'S PROPERTY.
- C.) REPAIR DAMAGED IMPROVEMENTS TO ORIGINAL CONDITION AS ACCEPTABLE TO PARTIES HAVING ADJACENT OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER AND ROADWAYS SHALL BE THOROUGHLY CLEANED AND/OR SWEEP ON A DAILY BASIS OR MORE FREQUENTLY AS REQUIRED BY THE GOVERNING AUTHORITY.

LAND USE & PROJECT DATA

LAND USE & PROJECT DATA			
RECORD OWNER: EQUIPMENT CARE CENTER OF GRAFTON, LLC 88 WESTBROOK ROAD N. GRAFTON, MA 01538 TOWN OF GRAFTON ASSESSORS MAP 12 BLOCK 0 LOT 12 DEED REFERENCES: BK. 37347 PG. 145			
LAND AREAS: LOT AREA: 13.1± ACRES			
OVERLAY DISTRICTS: A PORTION OF THE PROPERTY LIES WITHIN THE WATER SUPPLY PROTECTION OVERLAY DISTRICT THE PROPERTY DOES NOT LIE WITHIN THE 100 YEAR FLOOD HAZARD ZONE REFERENCE FIRM MAP 2502700R27E DATED JULY 4, 2011.			
ZONING REQUIREMENTS:			
<u>ITEM</u>	<u>REQUIRED</u>	<u>CONFIRMANCE</u>	
DISTRICT	Q1	YES	
MIN. AREA	40,000 S.F.	YES	
MIN. FRONTAGE	120 FEET	YES	
MIN. LOT WIDTH	120 FEET	YES	
MIN. FRONT YARD	40 FEET	YES	
MIN. SIDE YARD	35 FEET	YES	
MIN. REAR YARD	35 FEET	YES	
MAX. BUILDING HEIGHT	35 FEET	YES	
MAX. BUILDING COVERAGE	40%	YES	
BUILDING DATA:			
BUILDING USE: TRAILER CLEAN/WASH OPERATION		SEE ARCHITECTURAL DRAWINGS	
BUILDING CONSTRUCTION: SEE ARCHITECTURAL DRAWINGS			
UTILITIES AVAILABLE TO SITE:			
1. SEWER -- TOWN OF GRAFTON			
2. WATER -- TOWN OF GRAFTON			
3. ELECTRIC -- NATIONAL GRID			
4. TELEPHONE -- VERIZON			
5. GAS -- NATIONAL GRID			
PARKING DATA:			
<u>USE</u>	<u>GROSS</u>	<u>PARKING FACTOR</u>	<u>SPACES REQUIRED</u>
INDUSTRIAL AND WAREHOUSE	24.575± S.F.	1:500 S.F.	50 SPACES

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	PER REVIEW COMMENTS	05/31/16	BFM

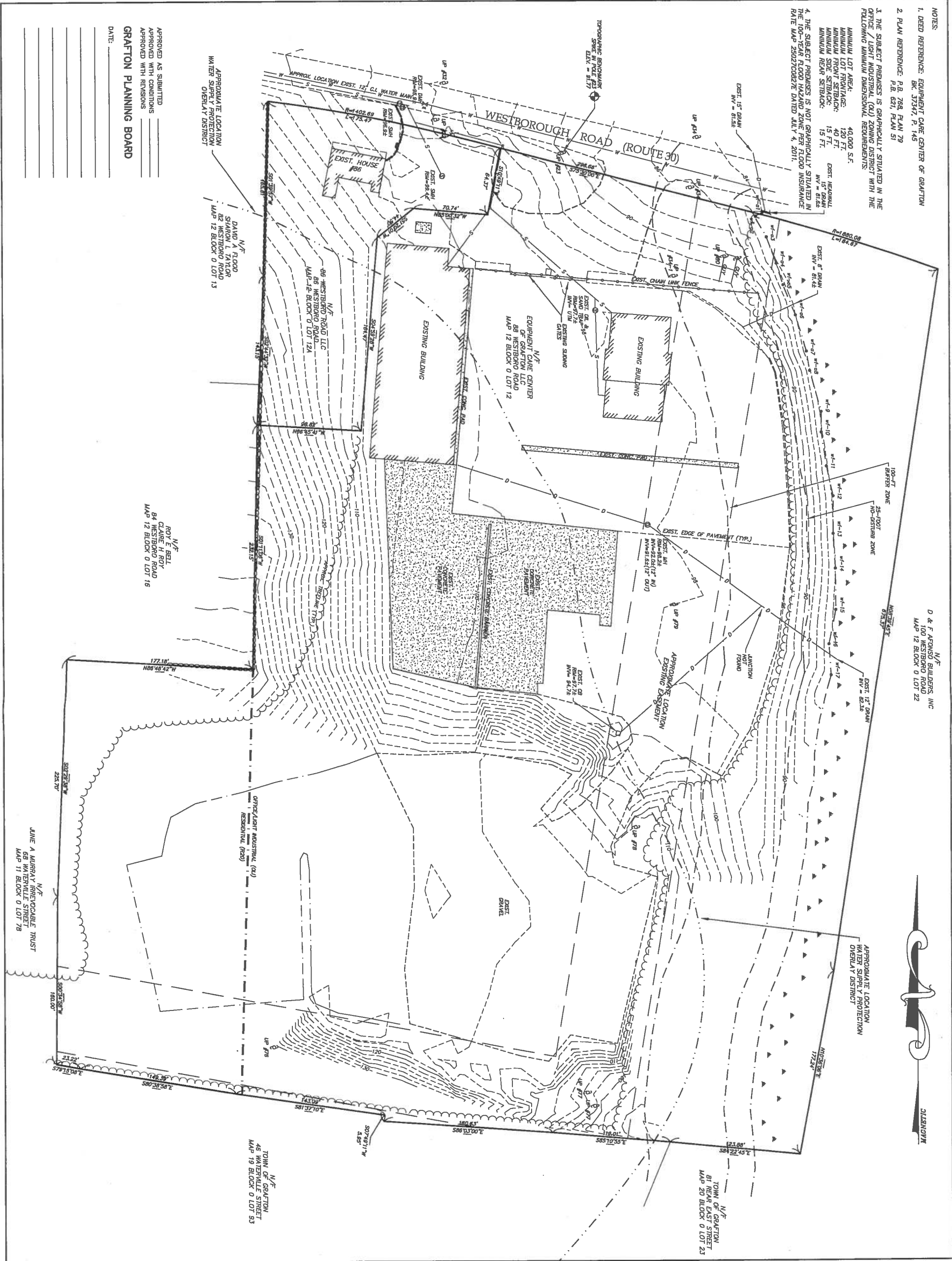
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DATE: FEBRUARY 15, 2016	SCALE: NONE
SHEET NUMBER: 1 OF 7	JOB NUMBER: 13619
COMPS: 9839	PLAN NUMBER: 4-L-952
PLAN REF(S): NONE	FIELD BOOK REF(S):

CONSTRUCTION NOTES
FOR
EQUIPMENT CARE CENTER OF GRAFTON
IN
NORTH GRAFTON, MASSACHUSETTS

PREPARED FOR:
R.P. MASIELLO, INC.

38 MAIN STREET
BOYLSTON, MASSACHUSETTS 01505
(508) 869-6501






- NOTES:
1. DEED REFERENCE: EQUIPMENT CARE CENTER OF GRAFTON BK. 37347, P. 145
 2. PLAN REFERENCE: P.B. 768, PLAN 79 P.B. 621, PLAN 51
 3. THE SUBJECT PREMISES IS GRAPHICALLY SITUATED IN THE OFFICE / LIGHT INDUSTRIAL (OLI) ZONING DISTRICT WITH THE FOLLOWING MINIMUM DIMENSIONAL REQUIREMENTS:
MINIMUM LOT AREA: 40,000 S.F.
MINIMUM LOT FRONTAGE: 120 FT.
MINIMUM FRONT SETBACK: 15 FT.
MINIMUM SIDE SETBACK: 15 FT.
MINIMUM REAR SETBACK: 15 FT.
MINIMUM HEADWALL: 15" GRADE
MINIMUM SIDE SETBACK: 15" GRADE
MINIMUM REAR SETBACK: 15" GRADE
 4. THE SUBJECT PREMISES IS NOT GRAPHICALLY SITUATED IN THE 100-YEAR FLOOD HAZARD ZONE PER FLOOD INSURANCE RATE MAP 25027C0027E DATED JULY 4, 2011.


APPROVED AS SUBMITTED
APPROVED WITH CONDITIONS
APPROVED WITH REVISIONS

GRAFTON PLANNING BOARD

DATE: _____



WHITMAN & BINGHAM
ASSOCIATES
REGISTERED ENGINEERS & LAND SURVEYORS
610 MECHANIC STREET
LYNNHURST, MASSACHUSETTS 01903
TEL: (978) 537-5196
FAX: (978) 537-1423



BRIAN F. MUSCI
CIVIL
#38102
REGISTERED

EXISTING CONDITIONS PLAN
FOR
EQUIPMENT CARE CENTER OF GRAFTON
IN
NORTH GRAFTON, MASSACHUSETTS

PREPARED FOR:
R.P. MASIELLO, INC.



38 MAIN STREET
BOYLSTON, MASSACHUSETTS 01505
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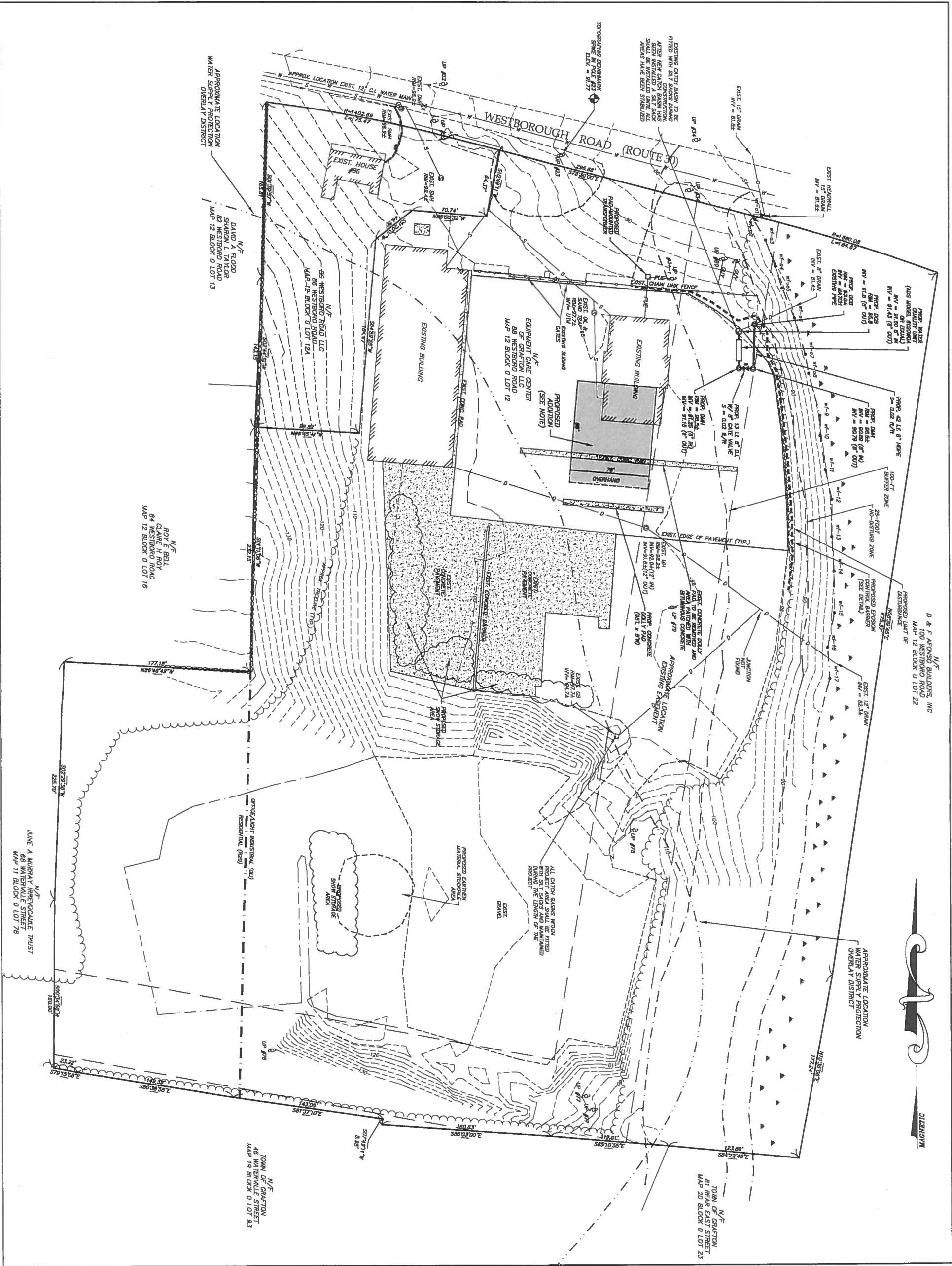
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DRAWN BY: BFM	CHECKED BY: JER
DATE: FEBRUARY 15, 2016	SCALE: 1" = 40'
SHEET NUMBER: 2 OF 7	JOB NUMBER: 13619
COMPS: 9839	PLAN NUMBER: 4-L-952
PLAN REF(S): NONE	FIELD BOOK REF(S):

"NO DISTURB ZONE" SIGNAGE SHALL BE PLACED ALONG THE EXISTING GRAVEL DRIVE AS SHOWN ON THE PLAN AT 20-FOOT INTERVALS (MIN.), OR OTHER INTERVAL AS DIRECTED BY THE GRAFTON CONSERVATION COMMISSION




 WHITMAN & BINGHAM ASSOCIATES REGISTERED ENGINEERS & LAND SURVEYORS <small>330 MECHANIC STREET LYONHETER, MASSACHUSETTS 01463 TEL. (978) 537-5106 FAX. (978) 537-1423</small>	 <i>B. P. Masiello</i>	PROPOSED SITE PLAN FOR EQUIPMENT CARE CENTER OF GRAFTON IN NORTH GRAFTON, MASSACHUSETTS	PREPARED FOR: R.P. MASIELLO, INC. 38 MAIN STREET BOYLSTON, MASSACHUSETTS 01505 (508) 869-6501	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th style="width: 5%;">NO.</th> <th style="width: 75%;">DESCRIPTION</th> <th style="width: 15%;">DATE</th> <th style="width: 5%;">BY</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>PER REVIEW COMMENTS</td> <td>05/31/16</td> <td>BPM</td> </tr> </tbody> </table>	REVISIONS				NO.	DESCRIPTION	DATE	BY	1	PER REVIEW COMMENTS	05/31/16	BPM	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">DRAWN BY: BPM</td> <td style="width: 50%;">CHECKED BY: JER</td> </tr> <tr> <td>DATE: FEBRUARY 15, 2016</td> <td>SCALE: 1" = 40'</td> </tr> <tr> <td>SHEET NUMBER: 3 OF 7</td> <td>JOB NUMBER: 13619</td> </tr> <tr> <td>COMPS: 9839</td> <td>PLAN NUMBER: 4-L-952</td> </tr> <tr> <td>PLAN REF(S): NONE</td> <td>FIELD BOOK REF(S):</td> </tr> </table>	DRAWN BY: BPM	CHECKED BY: JER	DATE: FEBRUARY 15, 2016	SCALE: 1" = 40'	SHEET NUMBER: 3 OF 7	JOB NUMBER: 13619	COMPS: 9839	PLAN NUMBER: 4-L-952	PLAN REF(S): NONE	FIELD BOOK REF(S):
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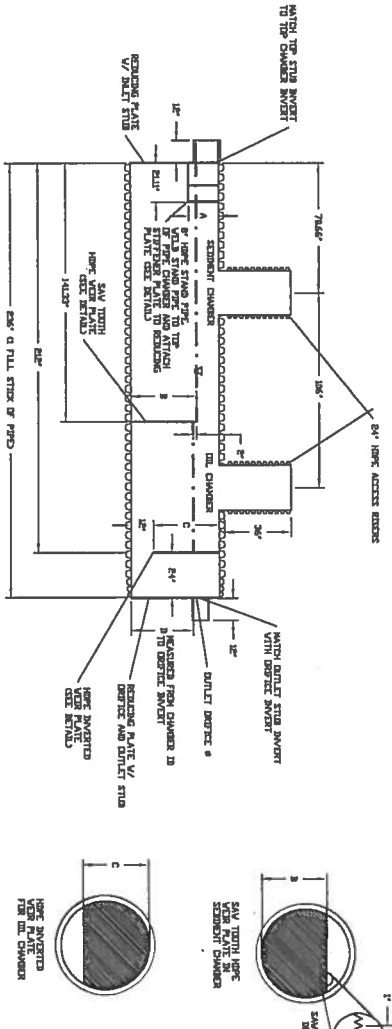
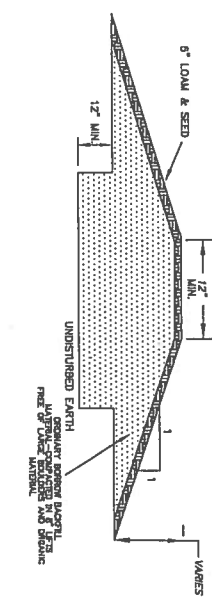
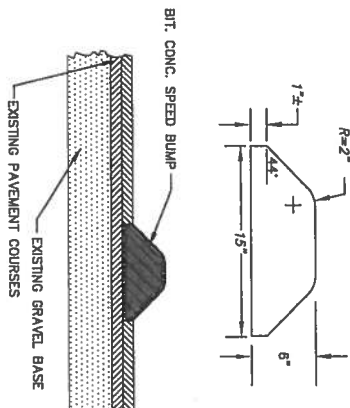
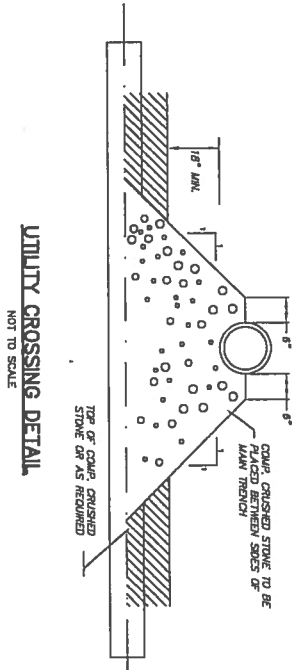
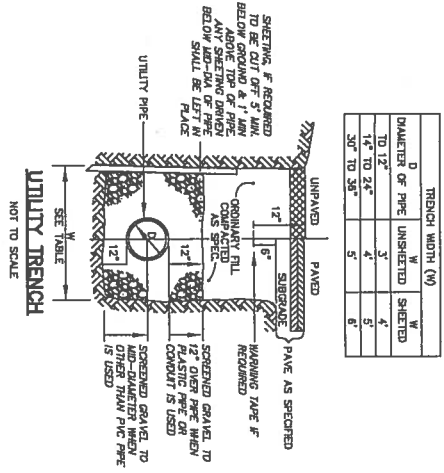
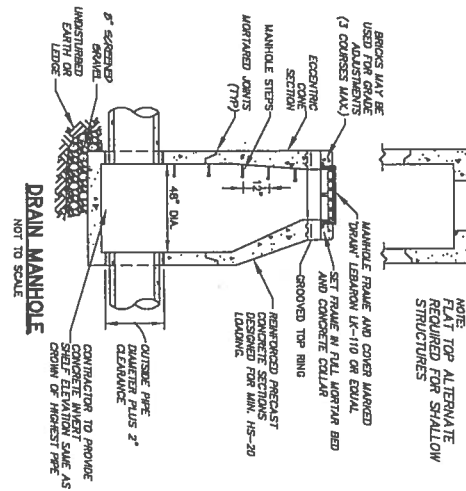
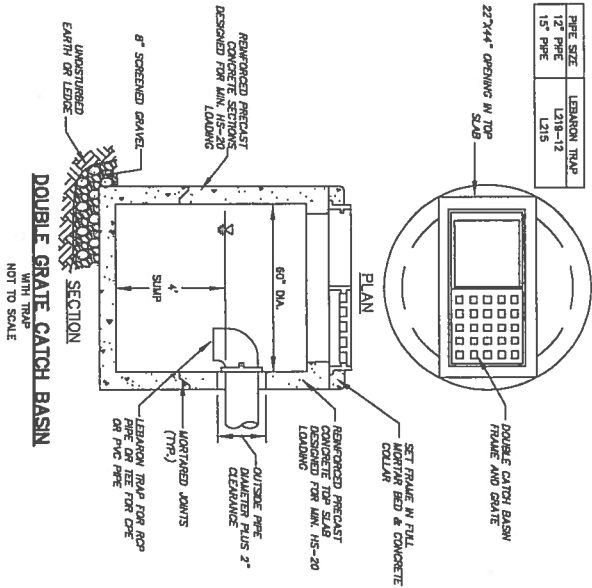
BRIAN F. MILICI
CIVIL
#38102

PROPOSED UTILITY PLAN
FOR
EQUIPMENT CARE CENTER OF GRAFTON
IN
NORTH GRAFTON, MASSACHUSETTS

PREPARED FOR:
R.P. MASIELLO, INC.
38 MAIN STREET
BOYLSTON, MASSACHUSETTS 01505
(508) 869-6501

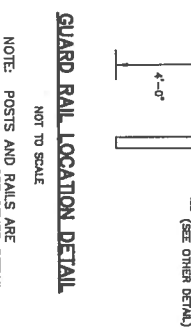
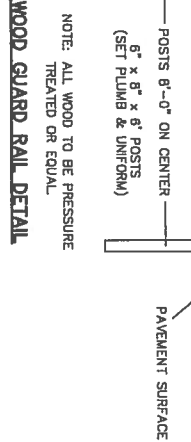
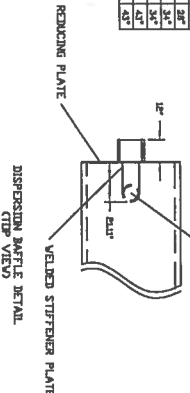
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PLAN REF(S): NONE	FIELD BOOK REF(S):



ITEM NO.	QTY.	UNIT	DESCRIPTION	PRICE
1	1	EA	DOUBLE GRATE CATCH BASIN	1200.00
2	1	EA	DOUBLE GRATE CATCH BASIN	1200.00
3	1	EA	DOUBLE GRATE CATCH BASIN	1200.00
4	1	EA	DOUBLE GRATE CATCH BASIN	1200.00
5	1	EA	DOUBLE GRATE CATCH BASIN	1200.00
6	1	EA	DOUBLE GRATE CATCH BASIN	1200.00
7	1	EA	DOUBLE GRATE CATCH BASIN	1200.00
8	1	EA	DOUBLE GRATE CATCH BASIN	1200.00
9	1	EA	DOUBLE GRATE CATCH BASIN	1200.00
10	1	EA	DOUBLE GRATE CATCH BASIN	1200.00

NOTES:
1. ALL DIMENSIONS ARE IN FEET.
2. ALL FITTING CONNECTIONS WILL BE MADE USING A STANDARD BOLT, NUT, OR WELD CONNECTION.



WHITMAN & BINGHAM ASSOCIATES
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CIVIL
38102

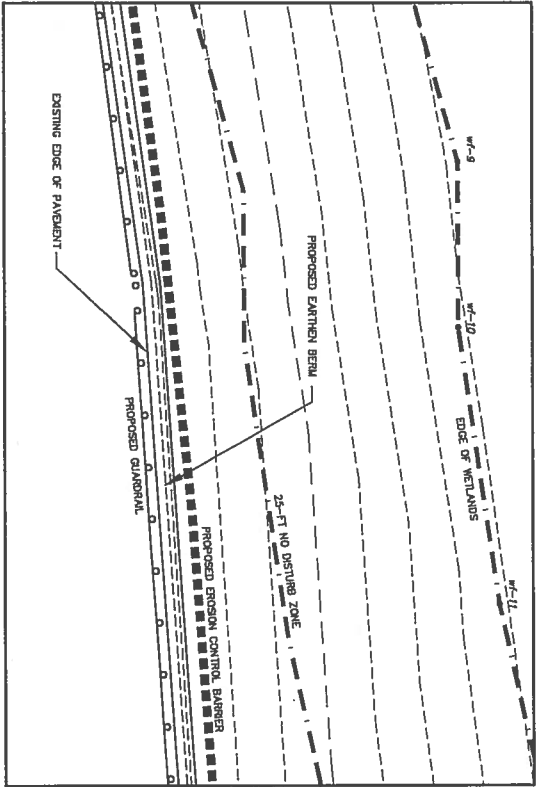
CONSTRUCTION DETAILS
FOR
EQUIPMENT CARE CENTER OF GRAFTON
IN
NORTH GRAFTON, MASSACHUSETTS

PREPARED FOR:
R.P. MASIELLO, INC.

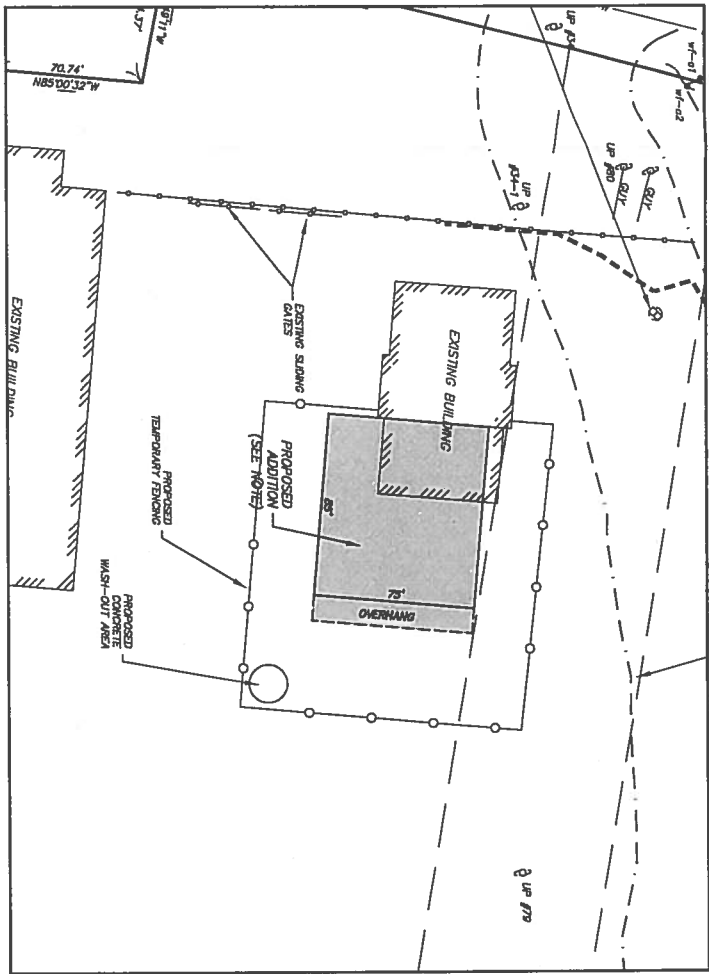
38 MAIN STREET
BOYLSTON, MASSACHUSETTS 01505
(508) 869-6501

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	PER REVIEW COMMENTS	05/31/16	BFM

DRAWN BY: BFM	CHECKED BY: JER
DATE: FEBRUARY 15, 2015	SCALE: AS SHOWN
SHEET NUMBER: 6 OF 7	JOB NUMBER: 13619
COMPS: 9839	PLAN NUMBER: 4-L-952
PLAN REF(S): NONE	FIELD BOOK REF(S):

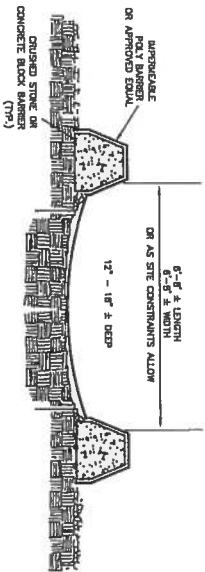


PROPOSED EARTHEN BERM / GUARDRAIL PLACEMENT DETAIL
1" = 10'



TEMPORARY FENCE/MATERIAL STORAGE AREA
1" = 40'

NOTE: NO STOCKING OF MATERIALS ALLOWED WITHIN THE 100-FOOT BUFFER ZONE.
IF ADDITIONAL MATERIAL STORAGE AREA IS REQUIRED, CONTINUATION SHALL UTILIZE
UPPER PORTIONS OF SITE AWAY FROM ALL BUFFER ZONES.
ALL STOCKING AREAS SHALL BE PROTECTED FROM EROSION (SEE DETAIL EROSION
CONTROL NOTES)



CONCRETE WASH-OUT AREA DETAIL
NOT TO SCALE

CONCRETE WASHOUT IS ONLY ALLOWED INTO DESIGNATED AREAS(S)
AFTER WASHOUT HAS HARDENED, WASHOUT SHALL BE BROKEN UP
AND DISPOSED OF PROPERLY

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WHITMAN & BINGHAM
ASSOCIATES
REGISTERED ENGINEERS & LAND SURVEYORS
510 MECHANIC STREET
LEOMINSTER, MASSACHUSETTS 01453
TEL. (978) 537-5006
FAX (978) 537-1423

REVISIONS

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